

Sample	Site	Matrix	Date
Wet Cake concentrations are in ng/g; which equals ug/kg; ppb(wet weight)			
LS2857	070620ALTE1	Wet Cake	7/6/2020
Surface Water Concentrations are in ug/L; ppb			
LS2840	070620AG3	Surface Water	7/6/2020
LS2841	070620FIRE	Surface Water	7/6/2020
LS2842	071420LAG	Surface Water	7/14/2020
LS2843	071420LAG1	Surface Water	7/14/2020
LS2844	072120CREEK1	Surface Water	7/21/2020
LS2845	072120CREEK2	Surface Water	7/21/2020
LS2846	072120CREEK3	Surface Water	7/21/2020
LS2847	072120CREEK4	Surface Water	7/21/2020
LS2848	072120FIRE1	Surface Water	7/21/2020
LS2849	072120HH1	Surface Water	7/21/2020
LS2850	072120LAG1	Surface Water	7/21/2020
LS2851	072120LAG2	Surface Water	7/21/2020
LS2852	072120LAG3	Surface Water	7/21/2020
LS2853	072120SEED1	Surface Water	7/21/2020
LS2854	073020HH1	Surface Water	7/30/2020
LS2855	073020LAG1	Surface Water	7/30/2020
LS2856	073020LAG2	Surface Water	7/30/2020
Concentrations are in ng/g; which equals ug/kg; ppb(wet weight)			
LS2858	072120HH2	Nectar	7/21/2020
LS2859	072120LAG4	Nectar	7/21/2020
LS2860	073120AG2	Honey	7/31/2020
LS2861	073120FIRE1	Honey	7/31/2020
LS2862	073120HH1	Honey	7/31/2020
LS2863	073120LAG1	Honey	7/31/2020
LS2864	073120WELL1	Honey	7/31/2020
LS2874	063020FIRE2	Pollen	6/30/2020
LS2875	063020HH1	Pollen	6/30/2020
LS2876	063020LAG2	Pollen	6/30/2020
LS2877	063020WELL2	Pollen	6/30/2020
LS2882	073120AG1	Pollen	7/31/2020
LS2883	073120FIRE2	Pollen	7/31/2020
LS2884	073120HH2	Pollen	7/31/2020
LS2885	073120LAG2	Pollen	7/31/2020
LS2886	073120WELL2	Pollen	7/31/2020
LS2878	070620AG1	Berries	7/6/2020
LS2879	070620ALTE2	Soil	7/6/2020
LS2880	070620INSB2	Soil	7/6/2020
LS2881	071420LAG2	Soil	7/14/2020
LS2887	071420FIRE1	Milkweed-Leaves	7/14/2020
LS2888	071420FIRE2	Milkweed-Flowers	7/14/2020
LS2889	071420LAG3	Milkweed-Leaves	7/14/2020
LS2890	071420LAG4	Milkweed-Flowers	7/14/2020
LS2891	071420LAG5	Alfalfa-Leaves and Flowers	7/14/2020
LS2892	071420WELL1	Milkweed-Leaves	7/14/2020
LS2893	072120LAG5	Milkweed-Leaves	7/14/2020

Notes	Volume (L) or Mass (g)	Neonicotinoid Insecticides		
		Clothianidin	Thiamethoxam	Imidacloprid
Wetcake mash material collected from AltEn stockpile	0.1185	63986.1	28690.6	120.8
Road puddle near Agronomy apiary	0.01	0.357	0.097	
Ditch culvert sampled near Fireshop apiary	0.015	0.559	0.169	
Water from Culvert with continuous water North of ENREC property	0.015	0.640	0.285	
Water from creek by Lagoon apiary	0.007	1.093	0.439	
Creek on ENREC property (after rain)	0.012	1.053	0.420	
Sampled standing/pooling water under west bridge (after rain)	0.01	0.519	0.097	0.061
Sampled running water under west bridge (after rain)	0.011	0.246		0.072
Silver Creek: continuous creek on west side of ENREC (after rain)	0.0105	0.052		
Ditch culvert sampled near Fireshop apiary (after rain)	0.01125	0.223	0.061	
Ditch culvert sampled near Honey House apiary (after rain)	0.0095	0.779		
Culvert with continuous water North of ENREC property (closed)	0.0125	1.811	0.931	
Creek by Lagoon apiary (after rain)	0.012	1.521	0.834	
Creek sampled near Lagoon apiary (standing/pooling water)	0.0125	1.622	0.902	
Creek by Foundation Seed on ENREC property (after rain)	0.01275	2.042	0.923	
Ditch culvert sampled near Honey House apiary (after rain)	0.0125	0.507	0.044	
Culvert with continuous water North of ENREC property (closed)	0.0105	1.852	1.044	0.050
Creek by Lagoon apiary (after rain)	0.01225	1.754	0.990	
Red clover flower samples near Honey House apiary (after rain)	0.36			
Milkweed plants sampled near Lagoon apiary and along creek	0.07			
in-hive nectar collected from hives #10-20; 9-20 (Ag yard)	1.30			
in-hive nectar collected from hive #7-20; 8-20 (Fireshop)	1.70			
in-hive nectar collected from hives #31-20; (pooled Honey hives)	1.83			
in-hive nectar collected from hives #4-20; 6-20 (Lagoon)	1.24	1.5		
in-hive nectar collected from hive #2-20 (Well-field shop)	1.10			
in-hive pollen collected from Fireshop hives (pooled)	1.00	108.1	25.1	
in-hive pollen collected from Honey house hives (pooled)	1.31	190.4	20.3	
in-hive pollen collected from Lagoon apiary	0.95	67.5	18.9	
in-hive pollen collected from Well-field hives (pooled)	1.08	79.6	50.9	
in-hive pollen collected from hives #10-20; 9-20 (Ag yard)	1.35	35.3	24.7	
in-hive pollen collected from hive #7-20; 8-20 (Fireshop)	1.18	51.1	23.0	
in-hive pollen collected from hives #31-20; (pooled Honey hives)	1.33	284.5	30.0	
in-hive pollen collected from hives #4-20; 6-20 (Lagoon)	1.53	99.8	31.5	
in-hive pollen collected from hive #2-20 (Well-field shop)	1.82	66.5	34.5	
Mulberries collect along ditch near Agronomy apiary	1.58			
Soil puddle collected from wetcake stockpile	1.48	4.7		
Soil collected from dry creek bed near InsectBuilding apiary	1.60	2.0		
Soil by creek Lagoon apiary	1.75	21.1	3.6	
milkweeds collected near fireshop yard	1.37	5.2		
milkweeds collected near fireshop yard	1.40	1.6		
Milkweeds collected beside creek near Lagoon apiary	1.28	10.6		
Milkweeds collected beside creek near Lagoon apiary	1.82	42.8	2.4	
Alfalfa field in bloom near continuous Lagoon creek	1.62	7.8	3.0	
Milkweeds collected beside creek near Well-field apiary	1.40	2.3		
Milkweed plants sampled near Lagoon apiary and along creek	1.09	3.0		

Ryanoid Insecticide					
Chlorantraniliprole	Fluoxastrobin	Thiabendazole	Ipcconazole	Tebuconazole	Azoxystrobin
6609.9	18716.6	11391.5	5914.7	3372.0	2042.0
0.104		0.177			
0.127		0.425	0.036	0.175	
0.122		0.581	0.044	0.261	
0.214		1.017		0.371	
0.236	0.157	0.796	0.076	0.500	
0.142		0.271		0.092	0.328
0.073		0.198		0.055	0.171
0.054		0.173			0.098
0.104		0.158			
0.303		0.358		0.195	
0.256	0.260	1.337	0.103	0.585	
0.195	0.088	0.983	0.064	0.393	
0.240	0.229	1.010	0.079	0.500	
0.321	0.404	0.964	0.131	0.749	
0.379	0.185	0.471	0.052	0.374	
0.194	0.204	0.364	0.132	0.510	
0.202	0.237	0.961	0.124	0.493	
2.6	3.6	16.5		3.9	
44.5	15.9	13.6	1.8	4.5	
19.0	9.0	5.2	2.4	5.8	
6.6	5.5	19.9	2.6	16.4	
17.6	9.2	7.6	2.2	5.9	10.7
3.2	5.6	5.6		3.4	6.5
30.3	88.0	12.3	2.3	7.2	
9.7	11.1	8.0	2.0	8.6	
31.8	8.1	14.8	2.5	7.4	2.7
1590.0		1067.2	631.7	831.0	
1.8		15.1		1.8	
18.6	63.1	61.0	11.7	95.1	1.1
					6.1
					0.4
8.7	5.9				1.7
4.7	23.6		1.2		1.2
	2.5				3.6

Fungicides						Comm
Ethaboxam	Desithioprothioconazole (Prothioconazole degradate)	Sedaxane	Difenoconazole	Trifloxystrobin	Pyraclostrobin	Atrazine
1874.6	1324.9	1343.6	382.8	352.3	187.0	
						0.612
	0.051					0.533
	0.074					
	0.108					
	0.143				0.000	0.413
	0.059				3.374	0.217
					0.122	0.125
						0.049
						0.218
	0.078					0.273
	0.152		0.043			0.041
	0.111					
	0.127					
	0.212		0.044			0.059
	0.138					0.262
	0.126		0.060			
	0.123		0.045			
						1.4
						80.6
					9.9	58.8
						34.5
						69.8
				5.4	12.6	37.5
				2.7	30.3	34.5
2.2	4.0					14.7
						11.3
	3.3					38.7
35.6	996.9	451.1	115.5	39.3		
	9.8	22.9	2.6			1.2
						2.4
	4.3					
	3.6				3.5	
						2.8
						2.9

